

CALIFORNIA CURRENT ECOSYSTEM AND INTEGRATED ECOSYSTEM ASSESSMENT REPORT AND SCIENCE REVIEW TOPICS

The Pacific Fishery Management Council's (Council) Fishery Ecosystem Plan (FEP) calls for an annual report to the Council on status and trends in the California Current Ecosystem (CCE). The California Current Integrated Ecosystem Assessment (CCIEA), composed of staff from the Northwest and Southwest Fisheries Science Centers and West Coast Region, has produced the 2018 Annual State of the California Current Ecosystem Report (Agenda Item F.1.a, NMFS Report 1). The appendices to the main report are available as Agenda Item F.1.a, NMFS Report 2

The purpose of the Report is to present ecosystem information for the California Current Ecosystem to the Council in a succinct, straightforward format so that the Council may take into account ecosystem variability in its decisions. The Report synthesizes data to present key environmental, biological, and socioeconomic indicators. Trends in physical, biological, and socioeconomic components of the ecosystem – taking into account the effects of fisheries and other human activities – are thus highlighted. The 2018 Report for the first time incorporates highly migratory species related indices.

Drs. Chris Harvey and Toby Garfield will present an overview of the Report on behalf of the Integrated Ecosystem Assessment (IEA) Team.

In June 2017, the Council's Scientific and Statistical Committee (SSC) noted ([Agenda Item C.8.a, Supplemental SSC Report](#)) that its Ecosystem Subcommittee (SSCES) has regularly met with members of the CCIEA at the September Council meeting to conduct technical review of selected indicators in the annual ecosystem status report. Other ecosystem science efforts by the CCIEA have been reviewed at these meetings. The SSC proposed institutionalizing this annual review process for ecosystem topics, similar to the methodology review processes already in place for salmon, groundfish, and coastal pelagic species. The SSC recommended that ecosystem science review topics be presented each year at the March Council meeting, which would then be reviewed during the September meeting, allowing for advisory body and management entity input, with Council guidance on the list of review topics. This review and guidance opportunity is included under this agenda item. The CCIEA has submitted a list of proposed topics for SSC review in 2018 as Agenda Item F.3.a, NMFS Report 3.

Council Action:

- 1) Consider the California Current Ecosystem Report; 2) Identify Ecosystem Science Review Topics for 2018.**

Reference Materials:

1. Agenda Item F.1.a, NMFS Report 1: California Current Integrated Ecosystem Assessment Team, California Current Integrated Ecosystem Assessment (CCIEA) State of the California Current Report, 2018.

2. Agenda Item F.1.a, NMFS Report 2: Appendices to the California Current Integrated Ecosystem Assessment Team, California Current Integrated Ecosystem Assessment (CCIEA) State of the California Current Report, 2018.
3. Agenda Item F.1.a, NMFS Report 3: Ecosystem Science Topics Proposed for Scientific and Statistical Committee Review in 2018.

Agenda Order:

- F.1 California Current Ecosystem and Integrated Ecosystem Assessment Report and Science Review Topics
Kit Dahl
- a. IEA Team Report
Chris Harvey, Toby Garfield
- b. Reports and Comments of Management Entities and Advisory Bodies
- c. Public Comment
- d. **Council Action:** 1) Consider the California Current Ecosystem Report; 2) Identify Ecosystem Science Review Topics for 2018

PFMC
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